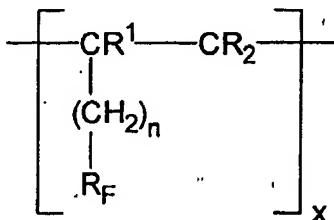


Please amend the claims to read as follows:

Claims 1-15 cancelled.

Claim 16. (New) A method of treating an eye comprising the step of applying at least one highly fluorinated oligomeric compound of the general formula



wherein

R_F is a linear or branched perfluorinated alkyl chain C_2F_5 to $\text{C}_{12}\text{F}_{25}$,

R^1 and R_2 are independently selected from the group H , CH_3 , C_2H_5 and C_3H_7 ,

n is selected from the integers 0, 1 and 2, and

x is an integer from 2 to 6,

having a molecular weight of at least 750

to an eye as an ophthalmologic treating agent.

17. (New) The method of claim 16 wherein the application to the eye is as one of a vitreous body substitute and a retina tamponade.

18. (New) The method of claim 16 wherein the application to the eye is as a liquid implant.

19. (New) The method of claim 16 wherein the application to the eye is as a tear substitute.

20. (New) The method of claim 16 wherein pharmacological agents are mixed with the highly fluorinated oligomeric compound which acts as a carrier therefore before applying to the eye.

21. (New) The method of claim 16 wherein a plurality of different ones of said highly fluorinated oligomeric compounds are mixed together before applying to the eye.

22. (New) The method of claim 16 wherein said highly fluorinated oligomeric compound is a component of a pharmacological preparation that is applied to the eye.